

## Abstract of Japanese Utility Model

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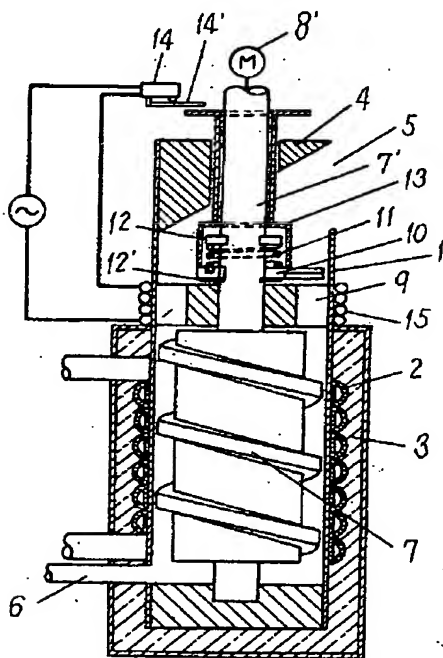
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### Title : AUTOMATIC ICE MAKING MACHINE

#### Abstract :

Ice making machine of the present utility model has an ice discharge hole 5 on its upper sidewall and a water supply hole 6 on its lower bottom. And the ice making machine has a rotor that has a spiral blade 7 in an ice making cylinder 1 with an evaporator 2 on its outer sidewall. The rotating spiral blade 7 scrapes icy layer that is growing on the inner wall of the cylinder 1 and the scraped icy layer is compressed into ice by the compression head 9. The compressed ice is divided into pieces by a cutter 10 positioned above the compression head 9 and discharged through the discharge hole 5. The cutter 10 is positioned on a spring 11 and made movable up and down. And a link member 13 moves up and down in accordance with the movement of the cutter 10. An electrical heater 15 is turned on by a switch 14, which is activated by the movement of the link member 13.



- 1 - Ice making cylinder
- 2 - Evaporator (pipe)
- 5 - Ice discharge hole
- 7 - Spiral blade
- 9 - Compression head
- 10 - Cutter
- 11 - Spring
- 13 - Link member
- 14 - Switch
- 15 - Electrical heater